LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
Data File : VX031522.D
Acq On : 21 Sep 2022 14:19
Operator : JC/MD
Sample : N4726-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CLI-0620

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Title : SW846 8260

Signal : TIC: VX031522.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.392	206	214	224	rBV	64253	116489	2.13%	0.378%
2	5.391	695	706	716	rBV	82455	229520	4.20%	0.745%
3	5.556	724	733	745	rVB	74036	210270	3.85%	0.682%
4	5.958	789	799	805	rBV2	87770	227214	4.16%	0.737%
5	6.044	805	813	827	rVB	175409	460931	8.43%	1.496%
6	6.763	922	931	945	rBV	117737	276331	5.05%	0.897%
7	8.653	1234	1241	1246	rBV	445891	684223	12.51%	2.220%
8	8.720	1246	1252	1263	rVB	3661719	5430591	99.33%	17.624%
9	10.055	1465	1471	1480	rBV	272889	354331	6.48%	1.150%
10	10.195	1488	1494	1505	rBV	729884	908327	16.61%	2.948%
11	10.305	1505	1512	1528	rVB	4433634	5467397	100.00%	17.743%
12	10.647	1562	1568	1580	rVB	2005744	2645717	48.39%	8.586%
13	11.079	1634	1639	1650	rBV	398848	521166	9.53%	1.691%
14	11.305	1671	1676	1683	rBV	75456	91648	1.68%	0.297%
15	11.378	1683	1688	1696	rVV	763022	1287307	23.55%	4.178%
16	11.451	1696	1700	1710	rVB	409122	475301	8.69%	1.542%
17	11.616	1721	1727	1737	rVB	431331	555406	10.16%	1.802%
18	11.756	1744	1750	1755	rBV	2014971	2467482	45.13%	8.008%
19	12.024	1789	1794	1799	rVB	330523	410828	7.51%	1.333%
20	12.085	1799	1804	1810	rBV	814235	1010584	18.48%	3.280%
21	12.244	1823	1830	1838	rBV2	587454	825501	15.10%	2.679%
22	12.317	1838	1842	1852	rVB2	185781	256107	4.68%	0.831%
23	12.415	1852	1858	1862	rBV2	39623	55616	1.02%	0.180%
24	12.463	1862	1866	1872	rVB	54392	65406	1.20%	0.212%
25	12.530	1872	1877	1879	rBV	142665	177681	3.25%	0.577%
26	12.555	1879	1881	1886	rVV	127304	140978	2.58%	0.458%
27	12.616	1886	1891	1894	rVV	235012	286942	5.25%	0.931%
28	12.701	1900	1905	1915	rVB2	133682	195878	3.58%	0.636%
29	12.847	1924	1929	1935	rVB	88903	107493	1.97%	0.349%
30	12.921	1935	1941	1945	rVV	185420	234869	4.30%	0.762%
31	12.963	1945	1948	1954	rVB	330990	371732	6.80%	1.206%
32	13.170	1977	1982	1986	rVB	202469	241607	4.42%	0.784%
33	13.292	1997	2002	2007	rVB2	476700	625029	11.43%	2.028%
34	13.420	2019	2023	2031	rVB	77175	102842	1.88%	0.334%
35	13.579	2046	2049	2056	rVV4	51591	104111	1.90%	0.338%
36	13.664	2060	2063	2069	rVB2	48081	79302	1.45%	0.257%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
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Operator : JC/MD
Sample : N4726-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CLI-0620

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Title : SW846 8260

37	13.774	2076	2081	2088	rBV	1046115	1313622	24.03%	4.263%
38	13.926	2099	2106	2110	rBV3	36981	56123	1.03%	0.182%
39	14.079	2127	2131	2135	rVB	58241	71169	1.30%	0.231%
40	14.219	2149	2154	2163	rBV3	63275	125473	2.29%	0.407%
41	14.371	2175	2179	2184	rVB	48483	56887	1.04%	0.185%
42	14.640	2215	2223	2228	rBV	646690	843082	15.42%	2.736%
43	14.780	2239	2246	2251	rBV	378687	459500	8.40%	1.491%
44	15.481	2355	2361	2367	rBV2	50783	92535	1.69%	0.300%
45	15.615	2376	2383	2386	rBV	59066	93839	1.72%	0.305%

Sum of corrected areas: 30814387

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
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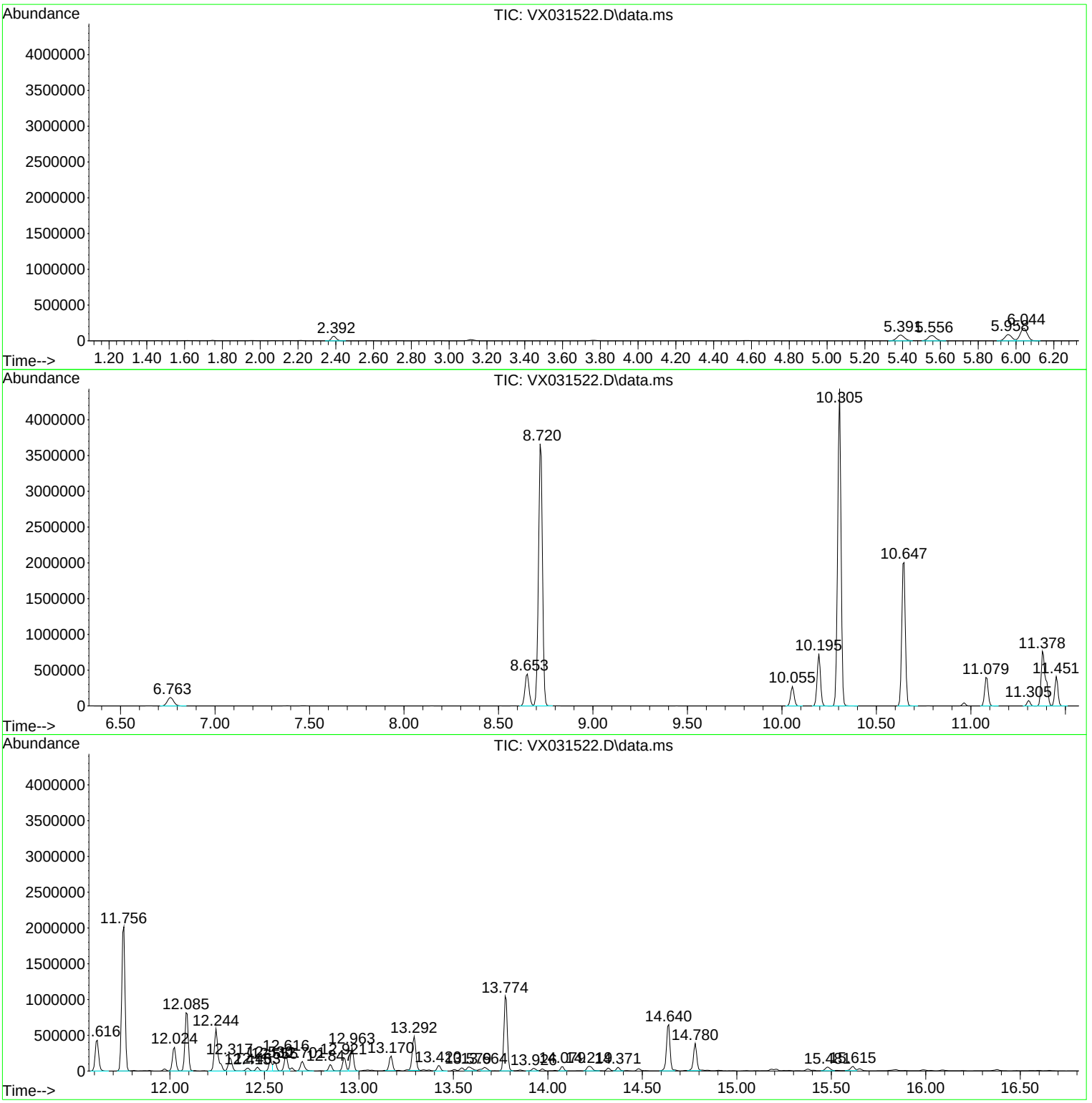
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CLI-0620

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
Data File : VX031522.D
Acq On : 21 Sep 2022 14:19
Operator : JC/MD
Sample : N4726-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CLI-0620

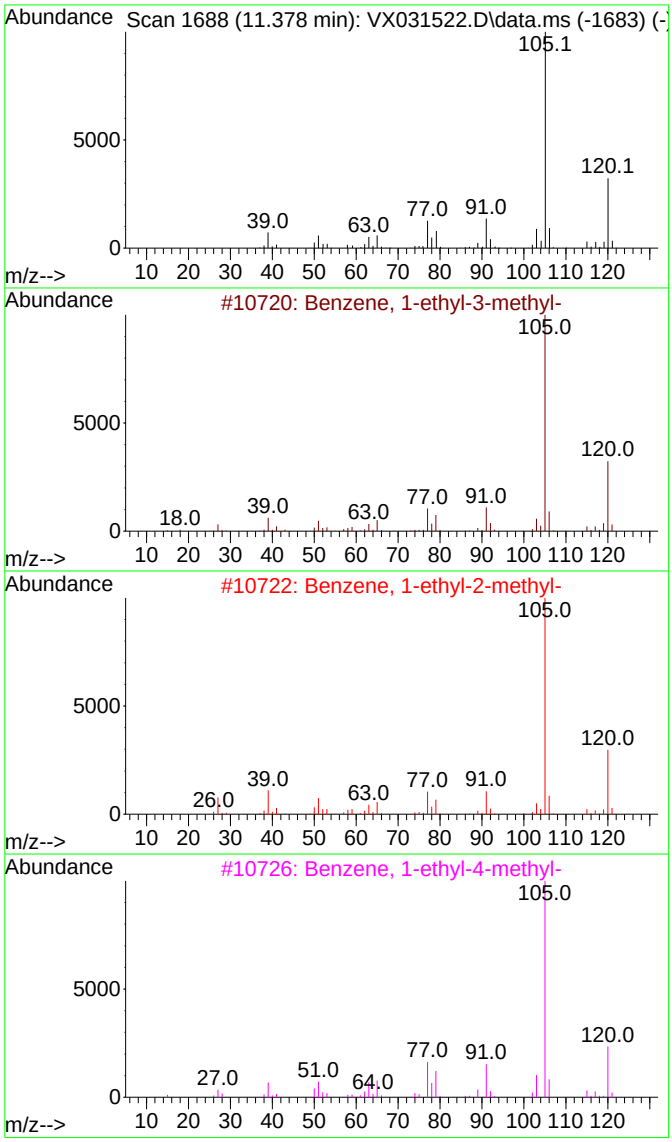
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

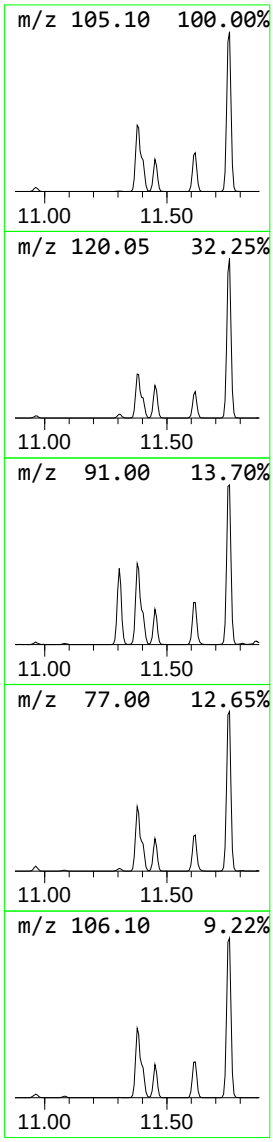
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.378	156.67 ug/l	1287310	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
Data File : VX031522.D
Acq On : 21 Sep 2022 14:19
Operator : JC/MD
Sample : N4726-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CLI-0620

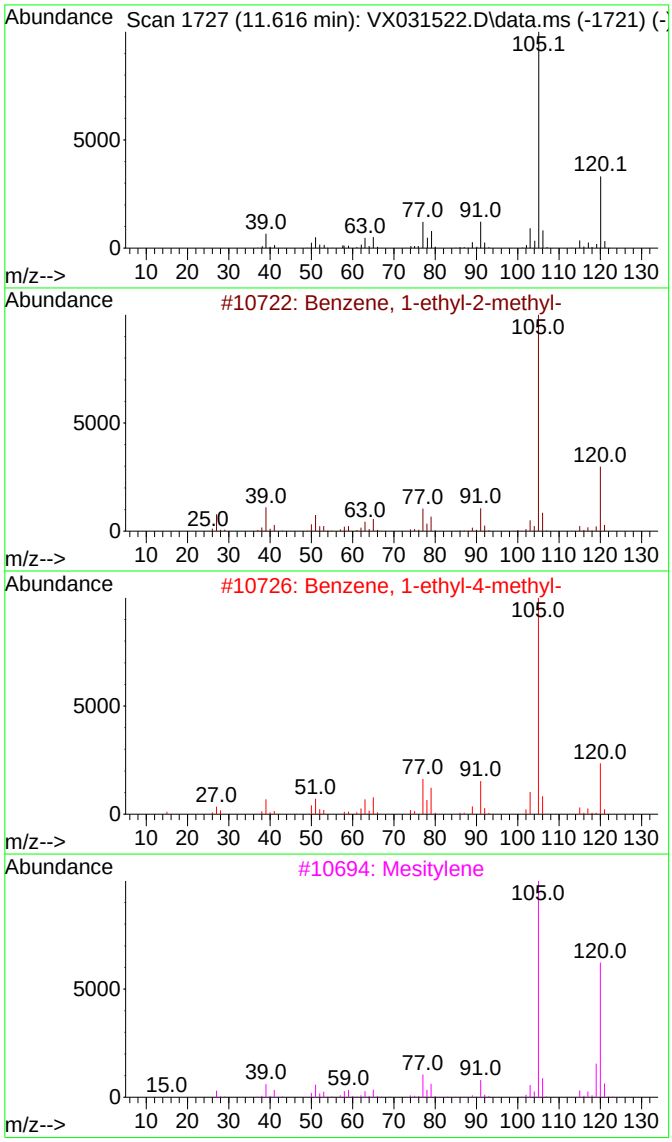
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

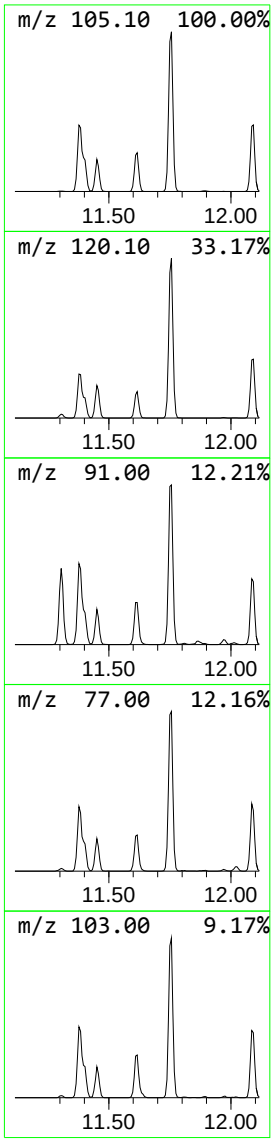
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.616	67.60 ug/l	555406	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
Data File : VX031522.D
Acq On : 21 Sep 2022 14:19
Operator : JC/MD
Sample : N4726-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CLI-0620

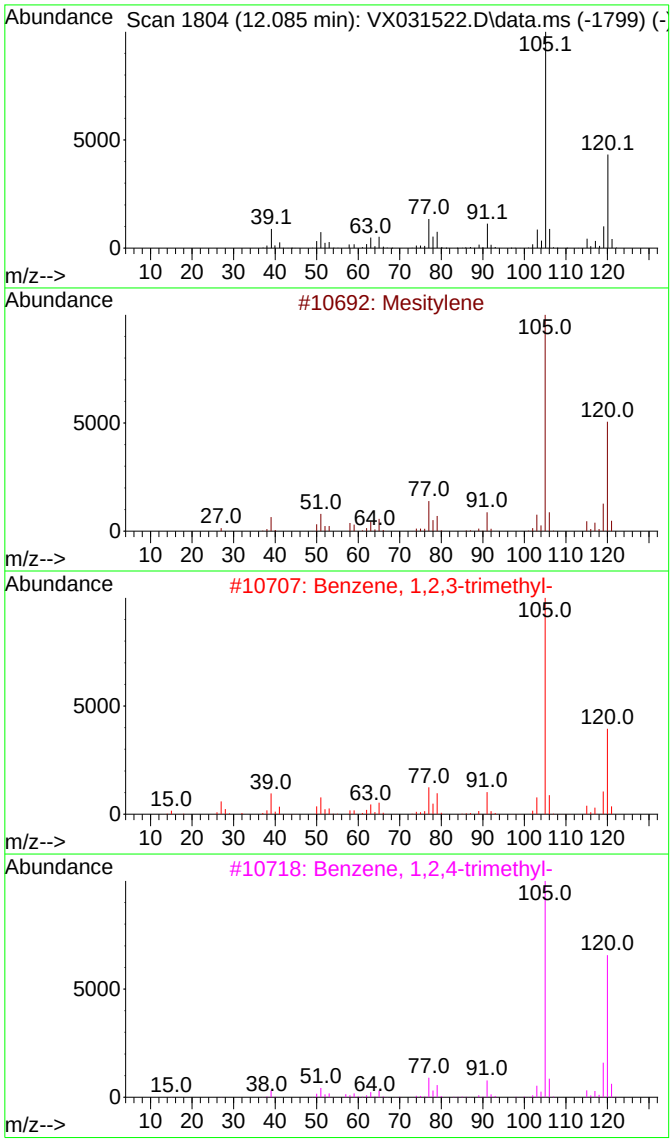
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

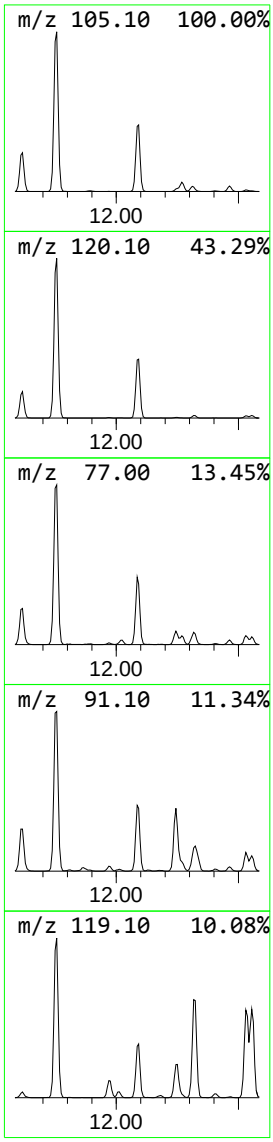
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.085	122.99 ug/l	1010580	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
Data File : VX031522.D
Acq On : 21 Sep 2022 14:19
Operator : JC/MD
Sample : N4726-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CLI-0620

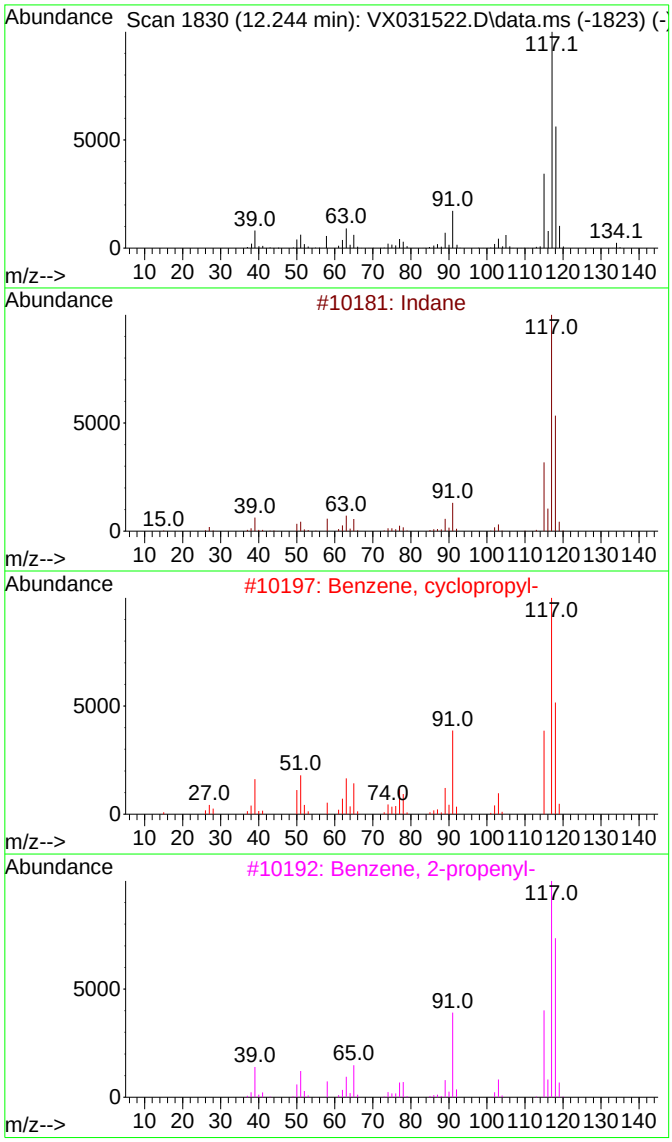
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

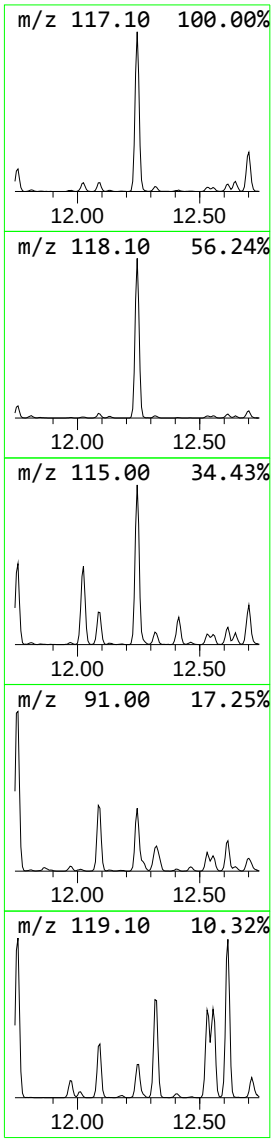
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	100.47 ug/l	825501	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	68
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
Data File : VX031522.D
Acq On : 21 Sep 2022 14:19
Operator : JC/MD
Sample : N4726-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CLI-0620

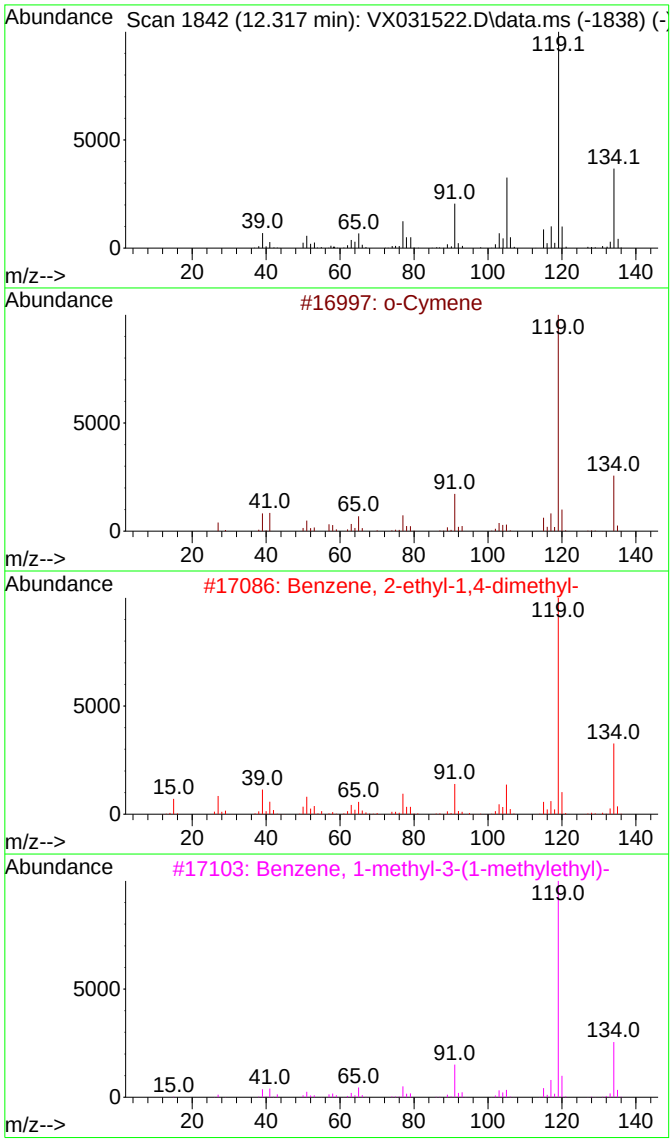
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

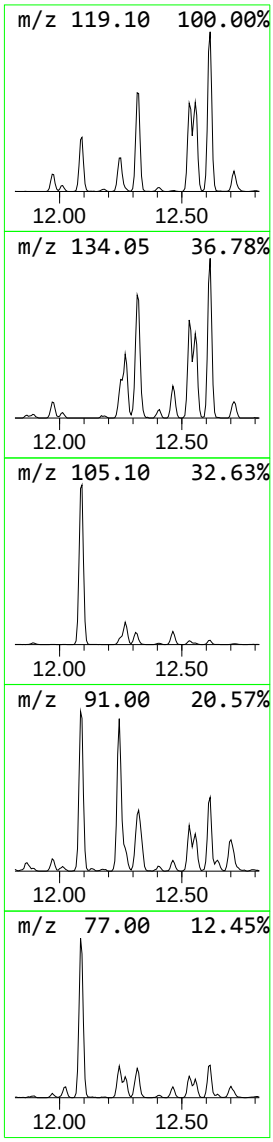
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.317	31.17 ug/l	256107	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
Data File : VX031522.D
Acq On : 21 Sep 2022 14:19
Operator : JC/MD
Sample : N4726-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CLI-0620

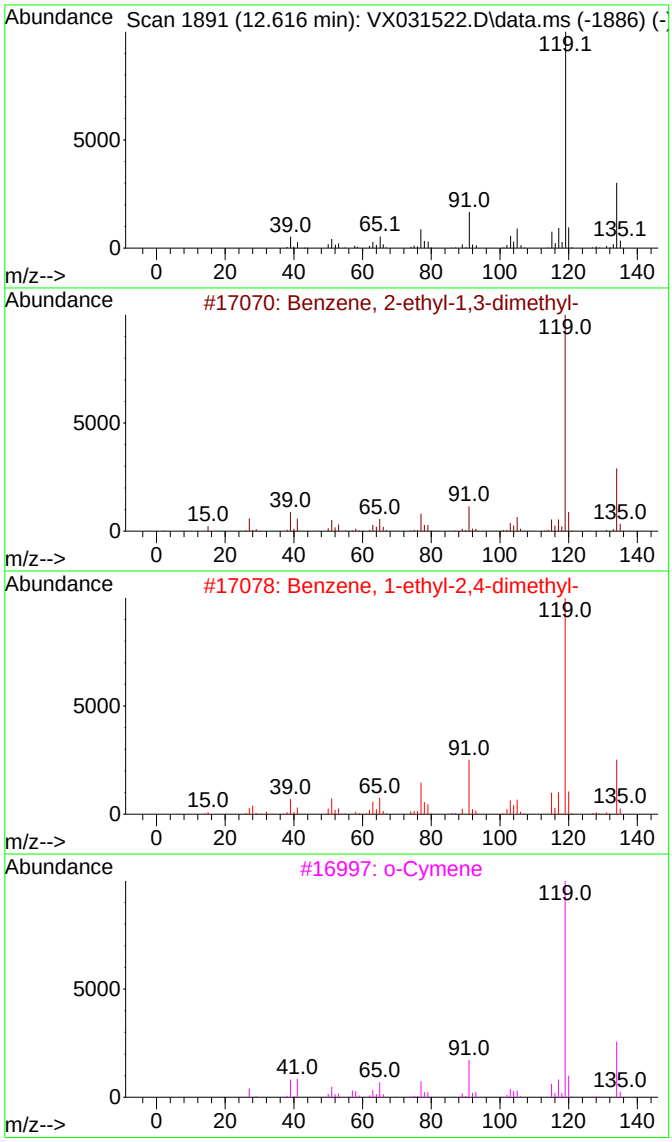
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

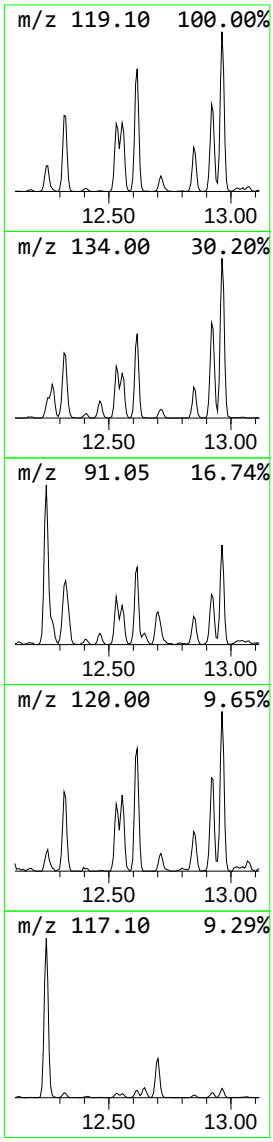
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.616	34.92 ug/l	286942	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
Data File : VX031522.D
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Operator : JC/MD
Sample : N4726-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CLI-0620

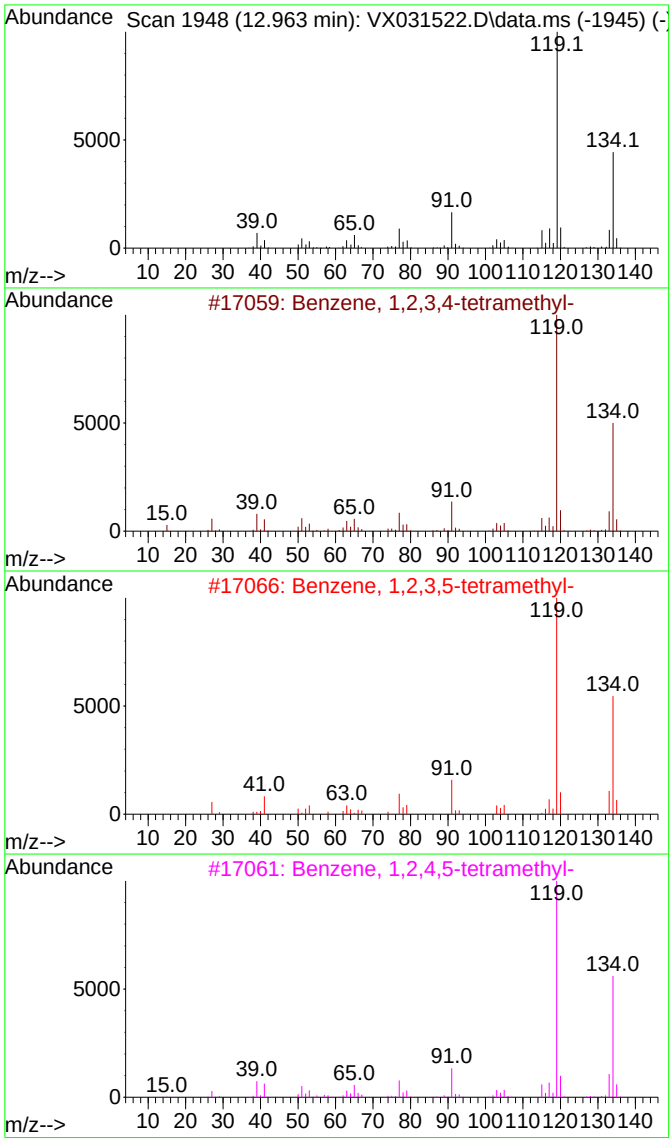
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

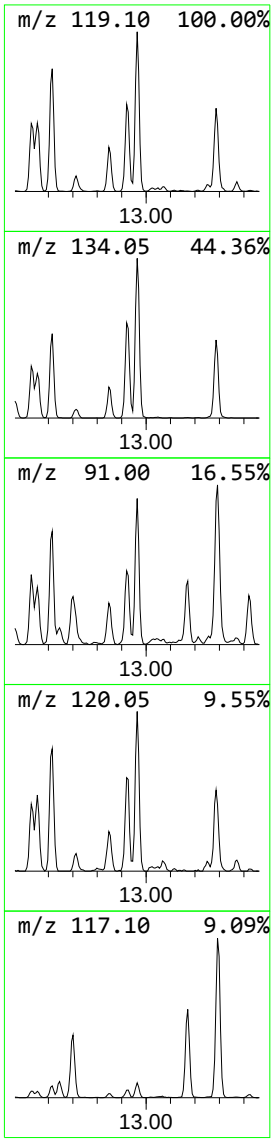
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.963	45.24 ug/l	371732	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
Data File : VX031522.D
Acq On : 21 Sep 2022 14:19
Operator : JC/MD
Sample : N4726-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CLI-0620

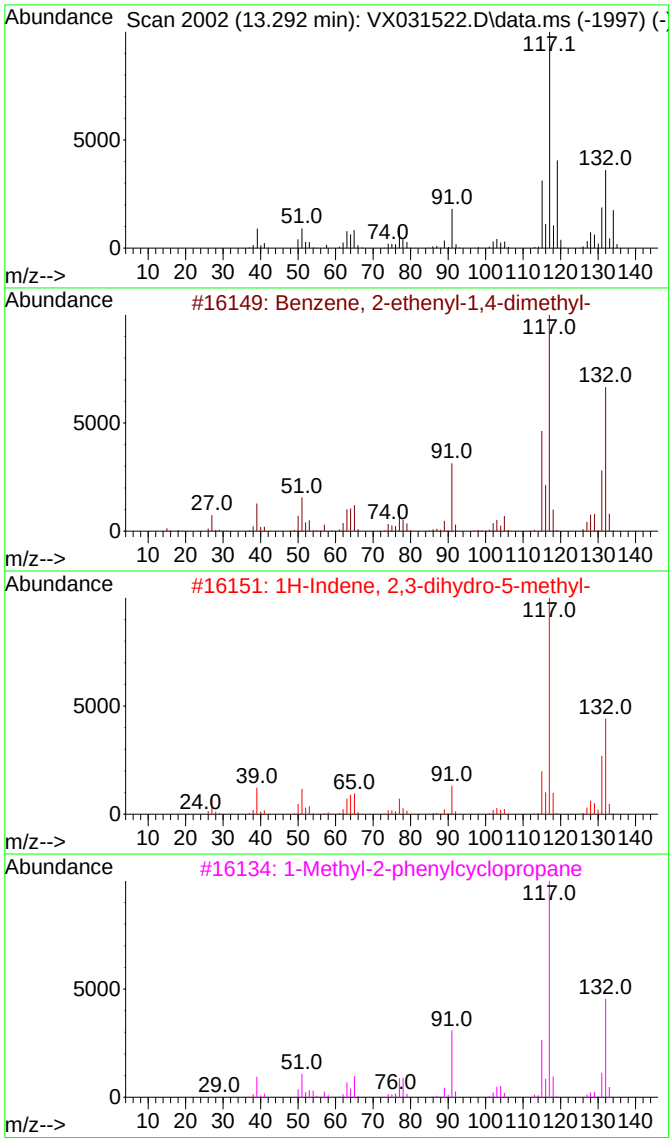
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

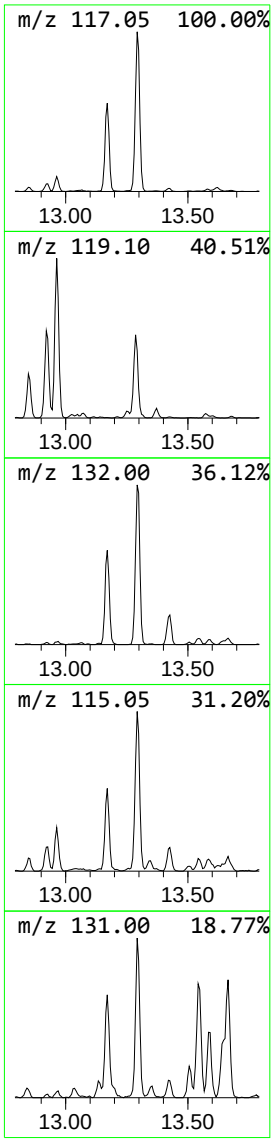
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	76.07 ug/l	625029	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	89
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
Data File : VX031522.D
Acq On : 21 Sep 2022 14:19
Operator : JC/MD
Sample : N4726-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CLI-0620

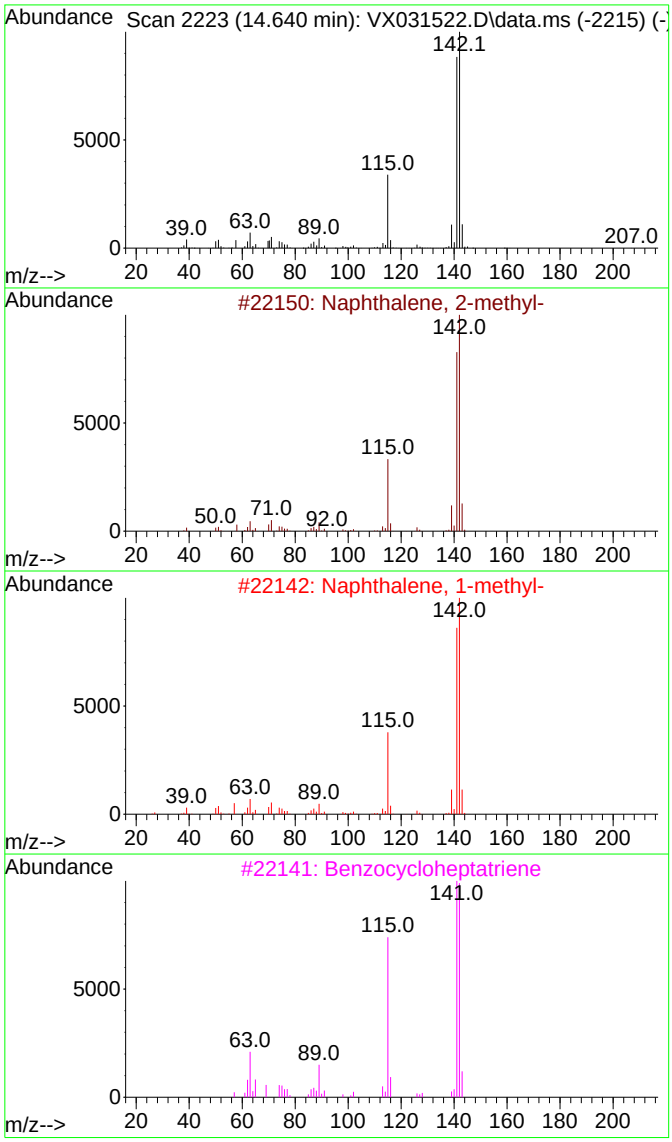
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

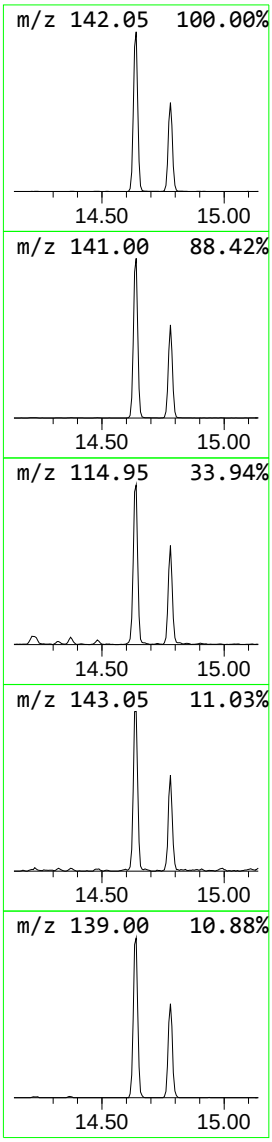
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.640	102.61 ug/l	843082	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
Data File : VX031522.D
Acq On : 21 Sep 2022 14:19
Operator : JC/MD
Sample : N4726-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CLI-0620

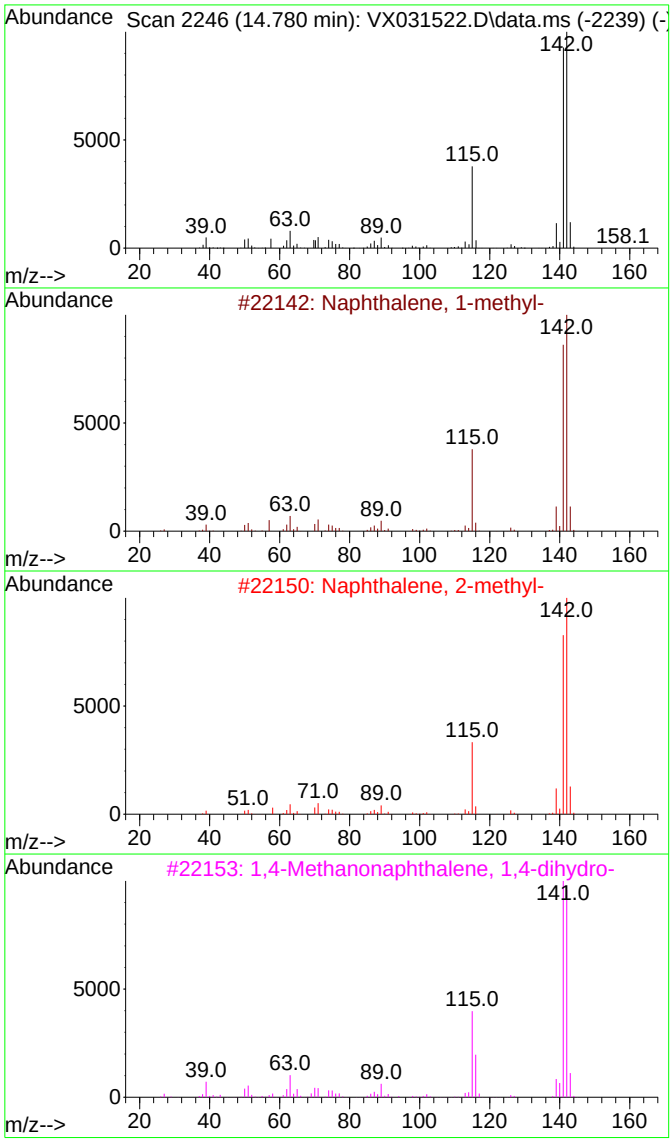
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

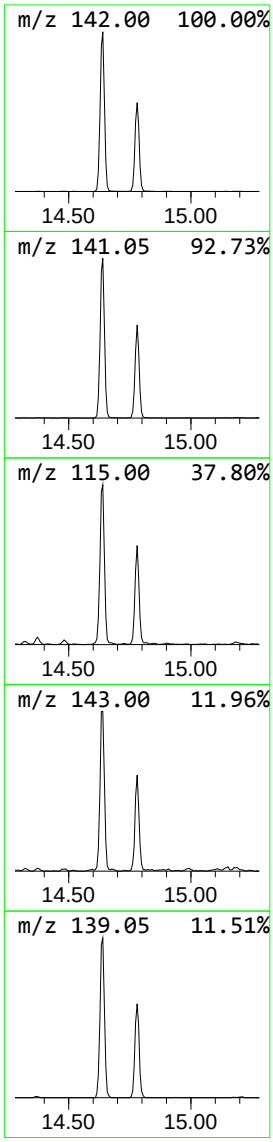
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.780	55.92 ug/l	459500	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
Data File : VX031522.D
Acq On : 21 Sep 2022 14:19
Operator : JC/MD
Sample : N4726-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CLI-0620

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethy...	11.378	156.7	ug/l	1287310	4	12.024	410828	50.0
Benzene, 1-ethy...	11.616	67.6	ug/l	555406	4	12.024	410828	50.0
Benzene, 1,2,3-...	12.085	123.0	ug/l	1010580	4	12.024	410828	50.0
Indane	12.244	100.5	ug/l	825501	4	12.024	410828	50.0
o-Cymene	12.317	31.2	ug/l	256107	4	12.024	410828	50.0
Benzene, 2-ethy...	12.616	34.9	ug/l	286942	4	12.024	410828	50.0
Benzene, 1,2,3,...	12.963	45.2	ug/l	371732	4	12.024	410828	50.0
Benzene, 2-ethe...	13.292	76.1	ug/l	625029	4	12.024	410828	50.0
Naphthalene, 2-...	14.640	102.6	ug/l	843082	4	12.024	410828	50.0
Naphthalene, 1-...	14.780	55.9	ug/l	459500	4	12.024	410828	50.0